

Title (en)
Lightweight bondhead assembly

Title (de)
Leichte Bondkopf-Anordnung

Title (fr)
Ensemble léger de tête de jonction

Publication
EP 1775753 A3 20090107 (EN)

Application
EP 06020698 A 20061002

Priority
US 25027005 A 20051014

Abstract (en)
[origin: EP1775753A2] A bondhead assembly is provided that comprises a bond body for mounting a bonding tool, a support structure that is configured to be drivable for moving the bondhead assembly to different locations and flexural elements arranged substantially along at least one plane which couple the bond body to the support structure for flexibly supporting the bond body during movement with respect to the support structure. A motor is coupled to the support structure and it is operative to drive the bond body to move relative to the support structure along an axis extending substantially perpendicular to the at least one plane.

IPC 8 full level
H01L 21/00 (2006.01)

CPC (source: EP US)
H01L 21/67144 (2013.01 - EP US); **H01L 21/6838** (2013.01 - EP US)

Citation (search report)

- [X] EP 1174909 A2 20020123 - ENDWAVE CORP [US]
- [A] US 2004105750 A1 20040603 - BOLLIGER DANIEL [CH], et al
- [A] US 2002030089 A1 20020314 - LEU FELIX [CH]

Cited by
CN111573266A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1775753 A2 20070418; EP 1775753 A3 20090107; CN 100440426 C 20081203; CN 1956144 A 20070502; JP 2007110136 A 20070426; JP 4689571 B2 20110525; MY 138793 A 20090731; SG 131882 A1 20070528; US 2007084901 A1 20070419; US 7303111 B2 20071204

DOCDB simple family (application)
EP 06020698 A 20061002; CN 200610140824 A 20061011; JP 2006280417 A 20061013; MY PI20064310 A 20061011; SG 2006071237 A 20061012; US 25027005 A 20051014